netopia®

BROADBAND WITHOUT BOUNDARIES™

Netopia 4686-XL

High-performance

Speed and performance with hardware-based VPN acceleration and an integrated Ethernet switch

Mission Critical

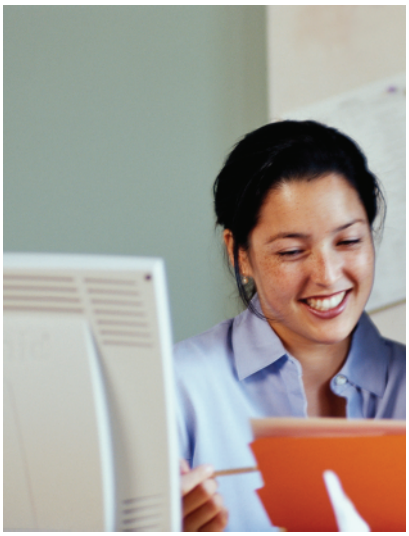
Integrated dial back-up improves uptime and delivers high-availability

Enterprise-class

Robust routing, security, and management features optimized for enterprise applications

Netopia® 4686-XL Broadband VPN Router with Back-up

High-performance Broadband Router with integrated VPN acceleration and dial back-up



Netopia Broadband Gateways

Only Netopia offers affordable Broadband Gateways for every connection type – from DSL to T1. Perfect for homes, home offices, teleworkers, small businesses and corporate branch offices, Netopia Broadband Gateways bring high speed broadband Internet access to every computer. Built-in security protects data, applications and gateways without the need to purchase separate software or hardware. Advanced features support growth while protecting your investment. Quick setup, comprehensive management and high reliability make Netopia both powerful and easy to use.

Speed, performance, and enterprise-class features for the demanding business user

The Netopia 4686-XL Broadband VPN Router is a high-performance VPN router with dial back-up capabilities. Designed for enterprise users and managed service providers, the Netopia 4686-XL enables wire-speed VPN networking and stateful firewall security, while increasing uptime with its integrated V.92 modem. The 4686-XL connects directly to any external broadband modem, such as DSL or cable modems, and is ideal for retail and branch office applications.

The Netopia 4686-XL helps enterprises save time and money with its high-availability features. Configured for dial back-up scenarios, the integrated V.92 modem automatically dials a pre-configured back-up connection if the primary WAN connection is lost. Alternatively, the integrated modem may be used for out-of-band remote management by IT departments, VARs, or service providers.

With integrated hardware acceleration, the Netopia 4686-XL powers wire-speed VPN applications for retail, branch offices, and enterprise teleworkers. The device comes standard with a wide-range of routing, security, and management features optimized for enterprise applications. Unlike competitive solutions that require expensive and cumbersome firmware upgrades, the 4686-XL is deployment ready for applications requiring wire-speed VPNs, stateful firewall security, and enterprise-class remote management. The rich security feature set and high-performance hardware features eliminate the need an additional firewall or VPN security appliance.

For the enterprise user or managed service provider, the Netopia 4686-XL is an ideal solution for secure, reliable, and high-performance networking.

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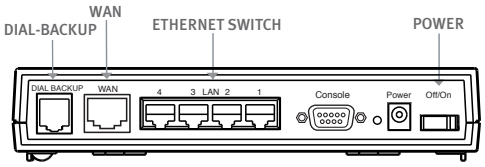
Netopia® 4686-XL Broadband VPN Router with Back-up

High-performance Broadband Router with integrated VPN acceleration and dial back-up

Technical Specifications



4686-XL

Hardware Features

- WAN Interface
  - One 10/100 Ethernet Port, RJ-45, half- or full-duplex/auto-sensing, MDI/MDI-X
- LAN Interface
  - Four 10/100 Managed Ethernet Ports, RJ-45,half- or full-duplex/auto-sensing, MDI/MDI-X
- Management Console Port
  - One RS-232 DB-9 Serial Port
- Backup Port
  - One V.92 Modem Port, RJ-11
- VPN Acceleration Module

PPP

- Point-to-Point Protocol (PAP/CHAP authentication)
- PPP over Ethernet†Gateway/Pass-through

Routing Function

- Network Address Translation (NAT), IP Maps, and Pinholes
- Static Routes
- IP Multicast Outbound Support Through NAT
- DHCP Client, Server, Relay
- DNS Proxy
- RIP1 & RIP2 LAN/WAN

High Availability

- Backup Default Gateway via an external router
- Dial Backup - external through console or Internal V.92

Security

- VPN Pass-through for PPTP and IPsec
- Stateful Firewall, ICSA-Certified
- Configuratble Firewall Function
- Virtual DMZ/IP Pass-through
- Denial of Service Protection
- IPSec VPN Gateway, Tunnel Mode
  - DES and 3DES encryption
  - Manual Key and IKE
  - Encapsulation Header Protocol: MD5 and SHA1
- PPTP VPN Gateway, Client, or Server Termination
- Up to 15 PPTP or IPSec VPN security associations

Management and Quality of Service (QoS)

- IP: TOS bit priortization
- VGx Virtual Gateway Technology
- Menu-driven or CLI Management Interface through Telnet
- Tiered Access, 2 Levels of Configuration Access
- Statistics and log reporting, remote syslog support
- SNMP v1 and v2c support
- Configuration Management, up to 3 backup configurations
- TFTP download/upload of new firmware and configuration files
- Utilities: ICMP ping, traceroute, telnet client
- LEDs: Power, WAN, and Ethernet; link status, activity indicators

Regulatory

- FCC Part 68, Part 15, Class B
- UL Listed, CSA Approval
- European EMC & Immunity
- CE Mark

Environmental

- Operating: 0 to +40C
- Storage: 0 to 70C (20-80% Non Condensing)
- Power: External, 12V DC, 1000mA

Weight and Dimensions

- Weight: 3 lbs (1361g) (unit carton)
- Dimensions: 1.4"(3.5cm) H, 5.3"(13.5cm) W, 5.4"(13.7cm) L

4686XL V03/05

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